

WE CLAIM:

1. An interface, implemented in a computer, for controlling a production printer comprising:
a display;
5 a first page representation located on said display and operative to represent a portion of a document to be produced by said production printer, said portion characterized by the applicability of one or more media/finishing attributes; and
a first attribute representation associated with a first of said one or more media/finishing attributes and located on said display, said first attribute representation comprising a first indicator operative to visually indicate on said display, the applicability of said one or more media/finishing attributes to said portion.

2. The interface of Claim 1, wherein said one or more media/finishing attributes comprises hole punches.

3. The interface of Claim 1, wherein said one or more media/finishing attributes comprises staples.

4. The interface of Claim 1, wherein said one or more media/finishing attributes comprises media size.

20 5. The interface of Claim 1, wherein said one or more media/finishing attributes comprises media color.

6. The interface of Claim 1, wherein said one or more media/finishing attributes comprises media finish.

7. The interface of Claim 1, wherein said one or more media/finishing attributes comprises media thickness.

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- 8. The interface of Claim 1, wherein said one or more media/finishing attributes comprises media type.
- 9. The interface of Claim 1, wherein said one or more media/finishing attributes comprises binding.
- 10. The interface of Claim 1, wherein said one or more media/finishing attributes comprises cropping.
- 11. The interface of Claim 1, wherein said one or more media/finishing attributes comprises shifting.
- 12. The interface of Claim 1, wherein said one or more media/finishing attributes comprises masking.
- 13. The interface of Claim 1, wherein said one or more media/finishing attributes comprises plex.
- 14. The interface of Claim 1, wherein said one or more media/finishing attributes comprises annotation.
- 15. The interface of Claim 1, wherein said one or more media/finishing attributes comprises insertion.
- 16. The interface of Claim 1, wherein said one or more media/finishing attributes comprises ordering.
- 17. The interface of Claim 1, wherein said one or more media/finishing attributes comprise media source.
- 18. The interface of Claim 1, wherein said one or more media/finishing attributes comprise imposition.
- 19. The interface of Claim 1, wherein said first attribute representation further comprises a menu, said menu comprising said first indicator and a first

attribute descriptor associated with said first indicator, said first attribute descriptor describing said first of said one or more media/finishing attributes.

5 20. The interface of Claim 19, wherein said first attribute representation comprises a second indicator and wherein said menu comprises said second indicator and a second attribute descriptor, said second attribute descriptor describing a second of said one or more media/finishing attributes and wherein said second attribute descriptor is associated with said second indicator.

10 21. The interface of Claim 19, wherein said first indicator comprises an asserted state and a deasserted state, wherein said asserted state indicates that first of said one or more media/finishing attributes applies to said portion and said deasserted state indicates that said first of said one or more media/finishing attributes does not apply to said portion.

15 22. The interface of Claim 21, wherein said first of said one or more media/finishing attributes further comprises one or more options and said indicator further comprises an option field and wherein said asserted state further indicates one or more values of said one or more options.

20 23. The interface of Claim 19, further comprising a first user input device wherein said menu is coupled with said first user input device, said first user input device operative to select said first attribute descriptor.

24. The interface of Claim 23, wherein said first user input device is further operative to modify said first of said one or more media/finishing attributes.

25 25. The interface of Claim 23, wherein said first user input device is further operative to apply said first of said one or more media/finishing attributes to said portion.

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26. The interface of Claim 23, wherein said first user input device is further operative to remove said first of said one or more media/finishing attributes from said portion.
27. The interface of Claim 1, wherein said first attribute representation comprises a symbolic attribute representation for each of said one or more media/finishing attributes and wherein said first indicator is further operative to indicate said one or more media/finishing attributes by displaying said symbolic attribute representation in conjunction with said first page representation as applied to said portion.
28. The interface of Claim 27, wherein said first indicator comprises an asserted state and a deasserted state, wherein said asserted state indicates that first of said one or more media/finishing attributes applies to said portion and said deasserted state indicates that said first of said one or more media/finishing attributes does not apply to said portion.
29. The interface of Claim 27, further comprising a first user input device, a menu and a first attribute descriptor coupled with said one or more media/finishing attributes, wherein said menu comprises said first attribute descriptor and is coupled with said first user input device, said first user input device operative to select said first attribute descriptor.
30. The interface of Claim 29, wherein said first user input device is further operative to modify said first of said one or more media/finishing attributes.
31. The interface of Claim 29, wherein said first user input device is further operative to apply said first of said one or more media/finishing attributes to said portion.

- 32. The interface of Claim 29, wherein said first user input device is further operative to remove said first of said one or more media/finishing attributes from said portion.
- 33. A method, implemented in a computer, for controlling a production printer comprising a display, said method comprising:
 - (a) displaying a page representation on said display representing a portion of a document to be produced by said production printer, said portion characterized by the applicability of one or more media/finishing attributes;
 - (b) indicating, visually, on said display, said applicability of said one or more media/finishing attributes to said portion.
- 34. The interface of Claim 33, wherein said one or more media/finishing attributes comprises hole punches.
- 35. The interface of Claim 33, wherein said one or more media/finishing attributes comprises staples.
- 36. The interface of Claim 33, wherein said one or more media/finishing attributes comprises media size.
- 37. The interface of Claim 33, wherein said one or more media/finishing attributes comprises media color.
- 38. The interface of Claim 33, wherein said one or more media/finishing attributes comprises media finish.
- 39. The interface of Claim 33, wherein said one or more media/finishing attributes comprises media thickness.
- 40. The interface of Claim 33, wherein said one or more media/finishing attributes comprises media type.

41. The interface of Claim 33, wherein said one or more media/finishing attributes comprises binding.

42. The interface of Claim 33, wherein said one or more media/finishing attributes comprises cropping.

5 43. The interface of Claim 33, wherein said one or more media/finishing attributes comprises shifting.

44. The interface of Claim 33, wherein said one or more media/finishing attributes comprises masking.

45. The interface of Claim 33, wherein said one or more media/finishing attributes comprises plex.

46. The interface of Claim 33, wherein said one or more media/finishing attributes comprises annotation.

47. The interface of Claim 33, wherein said one or more media/finishing attributes comprises insertion.

48. The interface of Claim 33, wherein said one or more media/finishing attributes comprises ordering.

49. The interface of Claim 33, wherein said one or more media/finishing attributes comprise media source.

50. The interface of Claim 33, wherein said one or more media/finishing attributes comprise imposition.

20 51. The method of Claim 33, further comprising:
(c) displaying a menu comprising an attribute descriptor descriptive of a first of said one or more media/finishing attributes and an attribute indicator associated with said attribute descriptor;
wherein said indicating further comprises asserting said attribute

indicator when said first of said one or more media/finishing attributes applies to said portion and deasserting said attribute indicator when said first of said one or more media/imagining attributes does not apply to said portion..

5 52. The method of Claim 51, wherein said one or more media/finishing attributes further comprise optional values, said menu further comprising an attribute value field associated with said first of said one or more media/finishing attributes and wherein said indicating further comprises displaying said optional values in said attribute value field.

10 53. The method of Claim 33, further comprising:
(c) associating a symbolic attribute representation with each of said one or more media/finishing attributes; and
wherein said indicating further comprises displaying said associated symbolic attribute representation in conjunction with said page representation for each of said applicable one or more media/finishing attributes.

15 54. A graphic user interface for a production printer console for controlling the printing of a document and application of one or more media/finishing attributes, said document comprising one or more pages each comprising a subset of said one or more media/finishing attributes, said graphic user interface comprising:
a page representation representing said one or more pages to be produced;
a menu coupled with said page representation and operative to indicate said subset of said one or more media/finishing attributes.

20 55. A graphic user interface for a production printer console for controlling the printing of a document and application of one or more media/finishing attributes, said document comprising one or more pages each comprising a

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subset of said one or more media/finishing attributes, said graphic user interface comprising:

a page representation representing said one or more pages to be produced;

5 an attribute representation coupled with said page representation and operative to symbolically represent each of said subset of said one or more media/finishing attributes on said page representation.

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